



I-17 Improvements

Update on Current and Future Projects,
I-10 to New River

Featuring:

**Final Design, I-17,
SR74/Carefree Highway to Anthem Way**

ADOT Project No. 017 MA224 H6881 01D



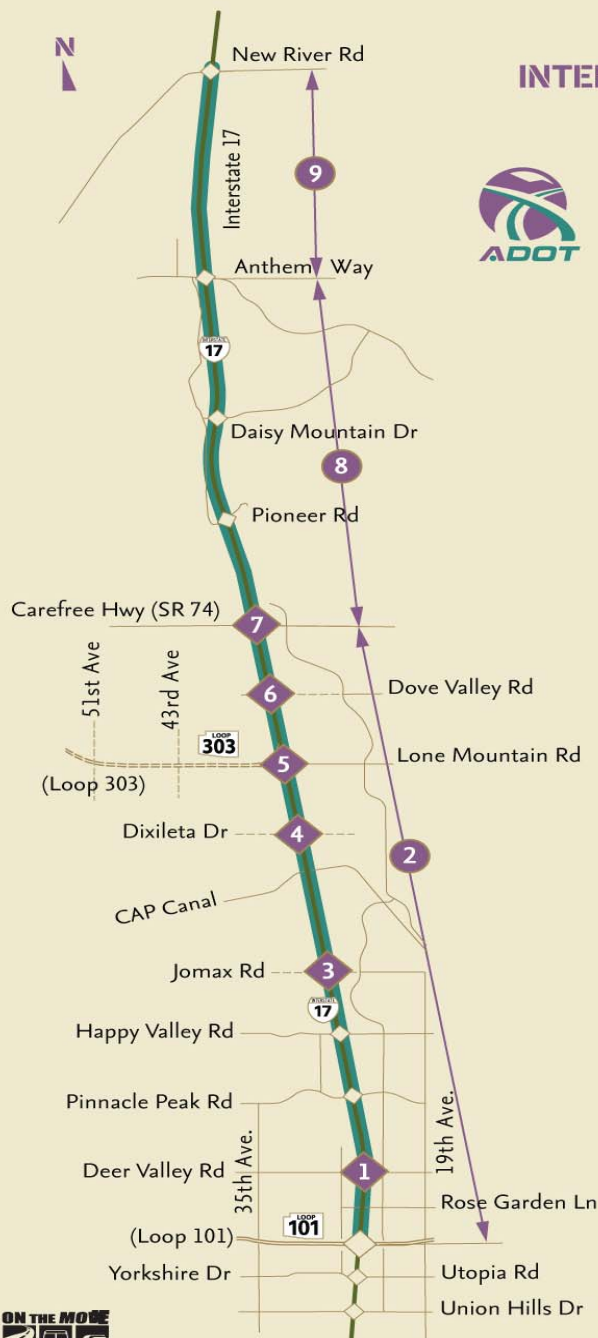
I-17 Road Shows
April 22 & 24, 2008



I-17 Improvements in Maricopa County

- More than \$1.5 billion 20-year investment in regional transportation funds for I-17 corridor will bring:
 - Additional lanes
 - Improved and new interchanges
 - Improved drainage
 - Transportation studies to identify future improvements





Planned Improvements

INTERSTATE 17 (BLACK CANYON FREEWAY) NORTH OF LOOP 101

LEGEND

- Project Corridor
- Lane Widening
- Traffic Interchange Project
- Existing Interchange

Interstate 17 Improvements

- 1** I-17/Deer Valley Road – Phase I
 - Reconstruct existing traffic interchange
- 2** I-17/Loop 101 to SR 74 (Carefree Hwy) – Phase I
 - Add a general purpose lane and a high-occupancy vehicle (HOV) lane
- 3** I-17/Jomax Road – Phase I
 - Construct new interchange
 - Convert frontage roads to one-way to improve safety and traffic flow
- 4** I-17/Dixileta Drive – Phase I*
 - Construct new interchange
 - Convert frontage roads to one-way
- 5** I-17/Lone Mountain Road – Phase I
 - Construct new interchange (Future connection to Loop 303)
- 6** I-17/Dove Valley Road – Phase I*
 - Construct new interchange
- 7** I-17/SR 74 (Carefree Hwy) – Phase I
 - Funding provided for interchange improvements
- 8** I-17/SR 74 (Carefree Hwy) to Anthem Way
 - Add a new general purpose lane – Phase I
 - Add a new high-occupancy vehicle (HOV) lane – Phase IV
- 9** Anthem Way to New River Road – Phase IV
 - Add a new general purpose lane

Regional Transportation Plan Phases

Phase I	2006 -2010	Phase III	2016-2020
Phase II	2011-2015	Phase IV	2021-2025

Note: The phasing dates represent the proposed funding date for I-17 improvements identified in the Regional Transportation Plan.

*This project is being advanced by the City of Phoenix.





Interstate 17 Partners in Progress



City of Phoenix

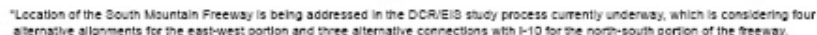




Regional Transportation Plan (RTP) for Maricopa County

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- In 2003, the Maricopa Association of Governments (MAG) spearheaded the effort to develop a \$15.8 billion regional plan
- In November 2004, voters approved Proposition 400
 - Provided funding needed to implement RTP
 - Extension of 1985 voter-approved plan and ½-cent sales tax to fund transportation improvements from 2006 through 2025





MAG's Role: Create the Plan

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- Develop Regional Transportation Plan (RTP) and conduct regional transportation planning
- Set priorities for scheduling and funding
- Approve accelerations and cost changes to RTP
- Ensure conformity with federal air quality standards



ADOT's Role: Deliver the Plan

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- Implement RTP Freeway Component
- Conduct studies to identify/evaluate alternatives
- Coordinate environmental reviews
- Acquire right-of-way
- Design and construct freeways
- Maintain freeways
- Approve Regional Freeway enhancements



FHWA's Role: Oversight

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- Serve as lead federal agency
- Participate in study process
- Provide document review and approval
- Provide funding



Local Government's Role: Manage Local System

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- Maintain existing city/county roads
- Plan, design and construct new city/county roads and improvements
- City Council/County Board of Supervisors:
 - Represent community in MAG planning and prioritizing discussions
 - Represent community in approaching ADOT regarding enhancements



The Public's Role: Get Involved

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- Learn about proposed improvements by attending public meetings and visiting the ADOT website at:

www.azdot.gov/ValleyFreeways

- Provide input by:
- Completing and submitting public meeting survey forms
- Emailing us at:

projectupdate@lewin-associates.com

- Calling the Project Hotline @ 480.890.3055





I-17 Traffic Interchanges at Jomax Rd. & Dixileta Dr.

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- Two new interchanges
 - Full diamond at Jomax Rd. and half-diamond at Dixileta Dr.*
- Projects include:
 - Converting 2-way frontage roads to more efficient 1-way roads
- Construction began late spring 2007 – completion anticipated by summer 2008

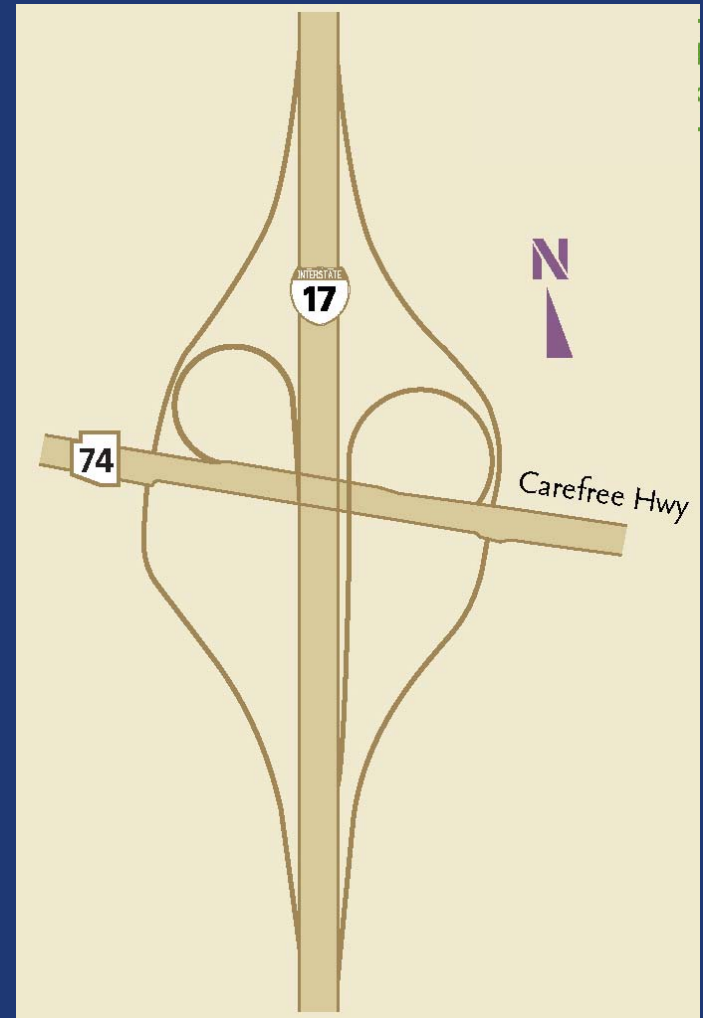


**Funding to advance project from later phase provided by City of Phoenix*



I-17 Traffic Interchange at SR 74/Carefree Highway

- Standard interchange with optional loop ramps
 - Developed in collaboration with the local community
- RTP Phase I
 - Completion in fall 2008





I-17 Widening, Loop 101 to SR 74/Carefree Highway

- Widening will add third lane and HOV lane in each direction:
 - ADOT is implementing as two separate construction projects
 - Loop 101 to Jomax Road
 - Jomax Road to SR 74/Carefree Highway
 - Construction started in early 2008 – anticipated for completion by late 2009



I-17 Traffic Interchange at Dove Valley Road

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- New traffic interchange:
 - Connects Dove Valley Road with I-17
 - Construction anticipated to begin in late fall 2008 and be completed by fall 2009





I-17 Traffic Interchange at Lone Mountain Road

- New traffic interchange to serve as interim connection with Loop 303
 - Includes construction of two new I-17 outside lanes each direction to detour existing traffic to provide room to construct new freeway to freeway interchange
- RTP Phase I: Construction to be completed by late 2009

** RTP Phase I includes construction of Loop 303 west of I-17, initially as a four-lane divided highway*



I-17/Loop 303 Interim Interchange Design



Lone
Mountain Rd.

I-17/Loop 303
Completed Freeway
Interchange Design



I-17, SR 74/Carefree Highway to Anthem Way

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- RTP provides funding to add:
 - One general purpose lane in each direction by winter 2010
 - Advanced 15 years by state lawmakers
 - One HOV lane each way in Phase IV (2021-2025)



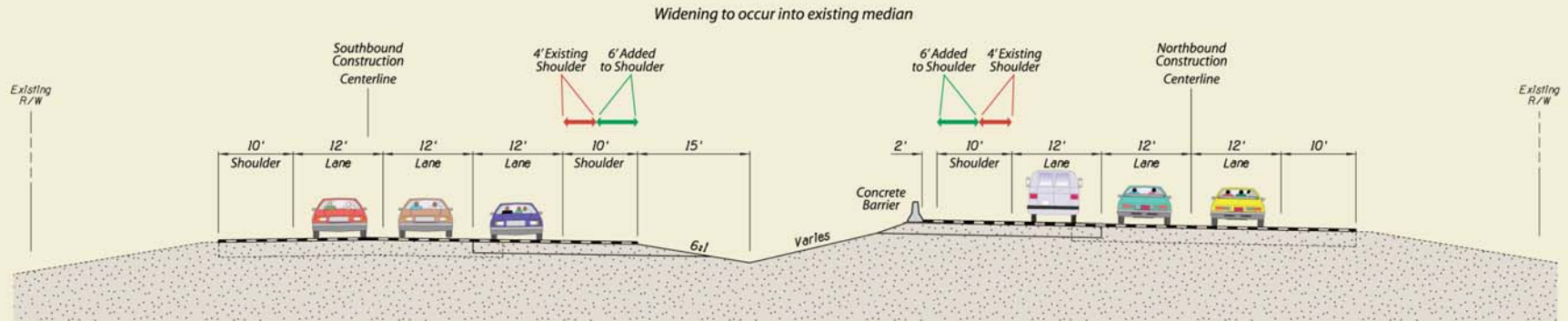
I-17, SR 74/Carefree Highway to Anthem Way

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- Widening will occur into the median, within existing ADOT right of way
- Project design plans are 60% complete and are on display at tonight's meeting
- New, rubberized asphalt paving planned for all three lanes each way
- Construction anticipated to start in early 2009 and be completed in 2010

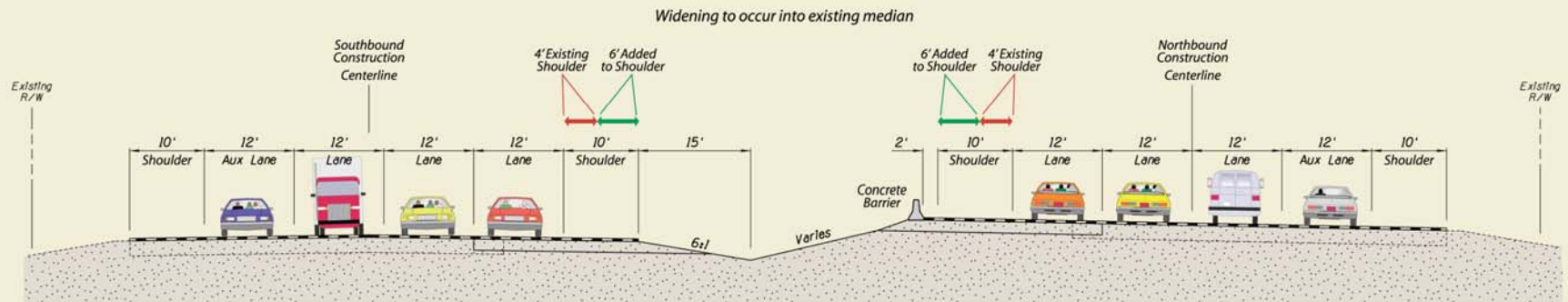


I-17, SR 74/Carefree Highway to Anthem Way



Typical Mainline Section

SR 74/Carefree Highway to Pioneer Road Traffic Interchange



Typical Mainline Section

Pioneer Road to Anthem Way Traffic Interchange



I-17, SR 74/Carefree Highway to Anthem Way

- Your input is important to us!
 - Please take time to view plans and speak with project designers
 - Please record your input on the blue survey form and return to sign-in table before leaving the meeting



I-17, Anthem Way to New River

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- RTP Phase IV (2021-2026) provides funding to add a third general purpose lane in each direction
- Initial study complete
- Additional environmental study may be required

Interstate 17 (Black Canyon Freeway) Improvements North of Loop 101

CONSTRUCTION PHASING (PROPOSED)



2007

Construction Begins

1

Dixileta Drive Interchange*
Jomax Road Interchange

2

SR 74/Carefree Highway
Interchange Improvements

3

Widening - Loop 101 to Jomax Road
Deer Valley Road
Interchange Improvements

4

Widening - Jomax Road to
SR 74/Carefree Highway
Lone Mountain Road Interchange
Dove Valley Road Interchange*

5

Widening - SR 74/Carefree Highway
to Anthem Way**

2009

Construction Completed

2010

Construction Completed



Project Corridor



Lane Widening



Traffic Interchange
Project



Existing Interchange

Note: Graphic illustrates the order of construction sequencing. Start of construction on a new project is not contingent on completion of an earlier project. Once construction of these projects begin, there will be concurrent construction activity throughout this section of I-17.

*This project is being advanced by the City of Phoenix to an earlier phase than originally programmed in the Regional Transportation Plan.

**The schedule for this project was accelerated by the Arizona Legislature with funding from the Statewide Acceleration Needs Account (STAN).



Public Information during I-17 Construction

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- ADOT uses a number of ways to inform the public about construction:
 - Web site updates and email notices
 - ADOT newsletters and construction notices
 - Updates via newspaper and radio
 - Public outreach specialists
 - Project signage
 - Community meetings
 - 24-hour Project Hotline





For More Information...

- Visit ADOT Web site:

www.azdot.gov/ValleyFreeways

Brock Barnhart, ADOT

602.712.8147

BBarnhart@azdot.gov

Northwest Valley

Community Outreach Team

Project Hotline: 480.890.3055